

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/646, 493 A
Source: TFW16
Date Processed by STIC: 08/25/2005

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 08/25/2005

PATENT APPLICATION: US/10/646,493A

TIME: 16:17:59

Input Set : A:\seq_listing.ST25.txt

Output Set: N:\CRF4\08252005\J646493A.raw

3 <110> APPLICANT: Rose, Eric
 4 Stern, David
 5 Schmidt, Ann Marie
 6 Spanier, Talia
 8 <120> TITLE OF INVENTION: Methods for Inhibiting Thrombosis in a Patient Whose Blood
 is
 9 Subject to Extracorporeal Circulation
 11 <130> FILE REFERENCE: 0575/50634-BA
 13 <140> CURRENT APPLICATION NUMBER: US 10/646,493A
 14 <141> CURRENT FILING DATE: 2003-08-21
 16 <160> NUMBER OF SEQ ID NOS: 27
 18 <170> SOFTWARE: PatentIn version 3.3
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 29
 22 <212> TYPE: DNA
 23 <213> ORGANISM: artificial sequence
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: Oligonucleotide for producing Factor IXmi; nnn is the
 complement
 27 to a DNA codon for any one of the standard amino acids other than
 28 serine
 31 <220> FEATURE:
 32 <221> NAME/KEY: misc_feature
 33 <222> LOCATION: (14)..(16)
 34 <223> OTHER INFORMATION: n is a, c, g, or t
 36 <400> SEQUENCE: 1
 W--> 37 tacagttcct ctannncccc ctggggtac 29
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 30
 42 <212> TYPE: DNA
 43 <213> ORGANISM: artificial sequence
 45 <220> FEATURE:
 46 <223> OTHER INFORMATION: Oligonucleotide for producing Factor IXmi; nnn is the
 complement
 47 to a DNA codon for any one of the standard amino acids other than
 48 serine
 51 <220> FEATURE:
 52 <221> NAME/KEY: misc_feature
 53 <222> LOCATION: (14)..(16)
 54 <223> OTHER INFORMATION: n is a, c, g, or t
 56 <400> SEQUENCE: 2
 W--> 57 tacagttcct ctannncccc ctggggtaca 30
 60 <210> SEQ ID NO: 3
 61 <211> LENGTH: 31

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62 <212> TYPE: DNA
63 <213> ORGANISM: artificial sequence

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65 <220> FEATURE:
66 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
67     to a DNA codon for any one of the standard amino acids other than
68     serine
71 <220> FEATURE:
72 <221> NAME/KEY: misc_feature
73 <222> LOCATION: (14)..(16)
74 <223> OTHER INFORMATION: n is a, c, g, or t
76 <400> SEQUENCE: 3
W--> 77 tacagttcct ctannncccc ctggggtaca a 31
80 <210> SEQ ID NO: 4
81 <211> LENGTH: 30
82 <212> TYPE: DNA
83 <213> ORGANISM: artificial sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
87     to a DNA codon for any one of the standard amino acids other than
88     serine
91 <220> FEATURE:
92 <221> NAME/KEY: misc_feature
93 <222> LOCATION: (15)..(17)
94 <223> OTHER INFORMATION: n is a, c, g, or t
96 <400> SEQUENCE: 4
W--> 97 gtacagttcc tctannnccc cctggggtac 30
100 <210> SEQ ID NO: 5
101 <211> LENGTH: 31
102 <212> TYPE: DNA
103 <213> ORGANISM: artificial sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
107     to a DNA codon for any one of the standard amino acids other than
108     serine
111 <220> FEATURE:
112 <221> NAME/KEY: misc_feature
113 <222> LOCATION: (15)..(17)
114 <223> OTHER INFORMATION: n is a, c, g, or t
116 <400> SEQUENCE: 5
W--> 117 gtacagttcc tctannnccc cctggggtac a 31
120 <210> SEQ ID NO: 6
121 <211> LENGTH: 32
122 <212> TYPE: DNA
123 <213> ORGANISM: artificial sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
127     to a DNA codon for any one of the standard amino acids other than
128     serine
131 <220> FEATURE:
132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: (15)..(17)

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134 <223> OTHER INFORMATION: n is a, c, g, or t
136 <400> SEQUENCE: 6
W--> 137 gtacagttcc tctannnccc cctgggggtac aa 32
140 <210> SEQ ID NO: 7
141 <211> LENGTH: 31
142 <212> TYPE: DNA
143 <213> ORGANISM: artificial sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
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147 to a DNA codon for any one of the standard amino acids other than
148 serine
151 <220> FEATURE:
152 <221> NAME/KEY: misc_feature
153 <222> LOCATION: (16)..(18)
154 <223> OTHER INFORMATION: n is a, c, g, or t
156 <400> SEQUENCE: 7
W--> 157 agtacagttc ctctannncc ccctggggta c 31
160 <210> SEQ ID NO: 8
161 <211> LENGTH: 32
162 <212> TYPE: DNA
163 <213> ORGANISM: artificial sequence
165 <220> FEATURE:
166 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
167 to a DNA codon for any one of the standard amino acids other than
168 serine
171 <220> FEATURE:
172 <221> NAME/KEY: misc_feature
173 <222> LOCATION: (16)..(18)
174 <223> OTHER INFORMATION: n is a, c, g, or t
176 <400> SEQUENCE: 8
W--> 177 agtacagttc ctctannncc ccctggggta ca 32
180 <210> SEQ ID NO: 9
181 <211> LENGTH: 33
182 <212> TYPE: DNA
183 <213> ORGANISM: artificial sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
187 to a DNA codon for any one of the standard amino acids other than
188 serine
191 <220> FEATURE:
192 <221> NAME/KEY: misc_feature
193 <222> LOCATION: (16)..(18)
194 <223> OTHER INFORMATION: n is a, c, g, or t
196 <400> SEQUENCE: 9
W--> 197 agtacagttc ctctannncc ccctggggta caa 33
200 <210> SEQ ID NO: 10
201 <211> LENGTH: 29
202 <212> TYPE: DNA
203 <213> ORGANISM: artificial sequence

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205 <220> FEATURE:
206 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
207     to a DNA codon for any one of the standard amino acids other than
208     aspartic acid and cysteine
211 <220> FEATURE:
212 <221> NAME/KEY: misc_feature
213 <222> LOCATION: (14)..(16)
214 <223> OTHER INFORMATION: n is a, c, g, or t
216 <400> SEQUENCE: 10
W--> 217 attcatgtta gtannntaac gcgaagacc                29
220 <210> SEQ ID NO: 11
221 <211> LENGTH: 30
222 <212> TYPE: DNA
223 <213> ORGANISM: artificial sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
227     to a DNA codon for any one of the standard amino acids other than
228     aspartic acid and cysteine
231 <220> FEATURE:
232 <221> NAME/KEY: misc_feature
233 <222> LOCATION: (14)..(16)
234 <223> OTHER INFORMATION: n is a, c, g, or t
236 <400> SEQUENCE: 11
W--> 237 attcatgtta gtannntaac gcgaagacct                30
240 <210> SEQ ID NO: 12
241 <211> LENGTH: 31
242 <212> TYPE: DNA
243 <213> ORGANISM: artificial sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
247     to a DNA codon for any one of the standard amino acids other than
248     aspartic acid and cysteine
251 <220> FEATURE:
252 <221> NAME/KEY: misc_feature
253 <222> LOCATION: (14)..(16)
254 <223> OTHER INFORMATION: n is a, c, g, or t
256 <400> SEQUENCE: 12
W--> 257 attcatgtta gtannntaac gcgaagacct t            31
260 <210> SEQ ID NO: 13
261 <211> LENGTH: 30
262 <212> TYPE: DNA
263 <213> ORGANISM: artificial sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
267     to a DNA codon for any one of the standard amino acids other than
268     aspartic acid and cysteine
271 <220> FEATURE:
272 <221> NAME/KEY: misc_feature
273 <222> LOCATION: (15)..(17)

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Input Set : A:\seq listing.ST25.txt

Output Set: N:\CRF4\08252005\J646493A.raw

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274 <223> OTHER INFORMATION: n is a, c, g, or t
276 <400> SEQUENCE: 13
W--> 277 tattcatgtt agtannntaa cgccaagacc 30
280 <210> SEQ ID NO: 14
281 <211> LENGTH: 31
282 <212> TYPE: DNA
283 <213> ORGANISM: artificial sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
287 to a DNA codon for any one of the standard amino acids other than
288 aspartic acid and cysteine
291 <220> FEATURE:
292 <221> NAME/KEY: misc_feature
293 <222> LOCATION: (15)..(17)
294 <223> OTHER INFORMATION: n is a, c, g, or t
296 <400> SEQUENCE: 14
W--> 297 tattcatgtt agtannntaa cgccaagacc t 31
300 <210> SEQ ID NO: 15
301 <211> LENGTH: 32
302 <212> TYPE: DNA
303 <213> ORGANISM: artificial sequence
305 <220> FEATURE:
306 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
307 to a DNA codon for any one of the standard amino acids other than
308 aspartic acid and cysteine
311 <220> FEATURE:
312 <221> NAME/KEY: misc_feature
313 <222> LOCATION: (15)..(17)
314 <223> OTHER INFORMATION: n is a, c, g, or t
316 <400> SEQUENCE: 15
W--> 317 tattcatgtt agtannntaa cgccaagacc tt 32
320 <210> SEQ ID NO: 16
321 <211> LENGTH: 31
322 <212> TYPE: DNA
323 <213> ORGANISM: artificial sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Oligonucleotide for producing FactorIXmi; nnn is the
complement
327 to a DNA codon for any one of the standard amino acids other than
328 aspartic acid and cysteine
331 <220> FEATURE:
332 <221> NAME/KEY: misc_feature
333 <222> LOCATION: (16)..(18)
334 <223> OTHER INFORMATION: n is a, c, g, or t
336 <400> SEQUENCE: 16
W--> 337 ttattcatgt tagtannnta acgccaagac c 31
340 <210> SEQ ID NO: 17
341 <211> LENGTH: 32
342 <212> TYPE: DNA
343 <213> ORGANISM: artificial sequence

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/646,493A

DATE: 08/25/2005
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Input Set : A:\seq listing.ST25.txt
Output Set: N:\CRF4\08252005\J646493A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 14,15,16
Seq#:2; N Pos. 14,15,16
Seq#:3; N Pos. 14,15,16
Seq#:4; N Pos. 15,16,17
Seq#:5; N Pos. 15,16,17
Seq#:6; N Pos. 15,16,17
Seq#:7; N Pos. 16,17,18
Seq#:8; N Pos. 16,17,18
Seq#:9; N Pos. 16,17,18
Seq#:10; N Pos. 14,15,16
Seq#:11; N Pos. 14,15,16
Seq#:12; N Pos. 14,15,16
Seq#:13; N Pos. 15,16,17
Seq#:14; N Pos. 15,16,17
Seq#:15; N Pos. 15,16,17
Seq#:16; N Pos. 16,17,18
Seq#:17; N Pos. 16,17,18
Seq#:18; N Pos. 16,17,18
Seq#:19; N Pos. 17,18,19
Seq#:20; N Pos. 17,18,19
Seq#:21; N Pos. 17,18,19
Seq#:22; N Pos. 18,19,20
Seq#:23; N Pos. 18,19,20
Seq#:24; N Pos. 18,19,20
Seq#:25; N Pos. 19,20,21
Seq#:26; N Pos. 19,20,21
Seq#:27; N Pos. 19,20,21

VERIFICATION SUMMARY

DATE: 08/25/2005

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TIME: 16:18:00

Input Set : A:\seq listing.ST25.txt

Output Set: N:\CRF4\08252005\J646493A.raw

L:37 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:77 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:97 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:197 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:237 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
L:257 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
L:317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
L:337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
L:377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
L:397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:0
L:417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20 after pos.:0
L:437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0
L:457 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0
L:477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23 after pos.:0
L:497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:0
L:517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0
L:537 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0
L:557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0